

Converting Colors

Hex(2B81DC)

Have a look what the booklet for
Hex(2B81DC) contains.

Hex(2B81DC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B81DC)

Conversions

Conversions Part 1

Format	Color
Hex	2B81DC
RGB	43, 129, 220
RGB Percent	17%, 51%, 86%
CMY	0.8314, 0.4941, 0.1373
CMYK	0.80, 0.41, 0.00, 0.14
HSL	211°, 72%, 52%
HSV	211°, 80%, 86%
XYZ	21.7648, 21.3814, 70.6900
YIQ	113.6600, -80.4670, 10.0690

Conversions

Conversions Part 2

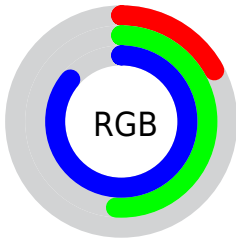
Format	Color
R_{YB}	43, 101, 220
Decimal	2851292
CIE Lab	53.36, 6.91, -53.59
CIE LCh	53, 54.030, 277.351
Yxy	21.3814, 0.1912, 0.1878
Android (android.graphics.Color)	4281041372 (0xFF2B81DC)
YUV	113.6600, 52.4256, -61.9688
Hunter-Lab	46.2400, 3.0983, -58.2723

Details

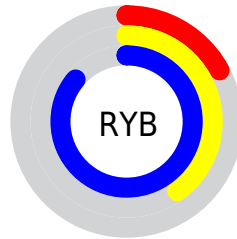
The Hex color **2B81DC** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **DC862B**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **74B5FF**, and **0051A4** is the 20% darker color. If you saturate the color by 10%, you get **1576DC**, and if you desaturate by 10%, it is **418CDC**.

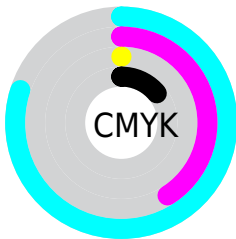
Distribution



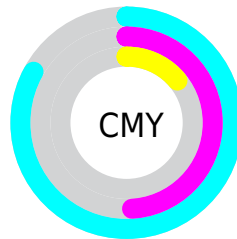
- Red (17%)
- Green (51%)
- Blue (86%)



- Red (17%)
- Yellow (40%)
- Blue (86%)



- Cyan (80%)
- Magenta (41%)
- Yellow (0%)
- Black (14%)



- Cyan (83%)
- Magenta (49%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B81DC changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2B81DC by changing the saturation by 10% instead.

■ 2B81DC

■ 2B81DC

FFFFFF

■ 0068C0

■ 74B5FF

■ 0051A4

■ 93D1FF

■ 003A89

■ B2EDFF

■ 002670

■ D0FFFF

■ 001156

■ EFFFFFF

■ 00063E

■ 000328

■ 000111

■ 000000

■ 2B81DC

■ 2B81DC

■ 1576DC

■ 418CDC

■ 006BDC

■ 5798DC

■ 6DA3DC

■ 83AEDC

■ 99BADC

■ AFC5DC

■ C5D0DC

■ DBDBDC

■ F1E7DC

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



008ED5



2B81DC



906ECA

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2B81DC



CD5D49



00935A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2B81DC



DC862B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5B8D30



2B81DC



B47026

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2B81DC



D35376



8D8117



00968A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2B81DC



B461B2



8D8117



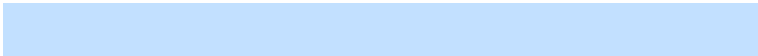
29914B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2B81DC



C2E0FF



2BDC84



5B6C80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2B81DC



0880FF



2B2BDC



63686E



0054AD



00162E

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DC2B81



FF0880



DCDC2B



6E6368



AD0054



2E0016

Previews

White Background



This preview shows how the Hex color 2B81DC looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2B81DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

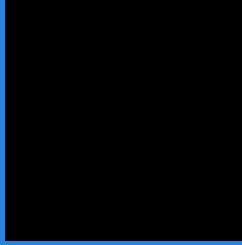
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

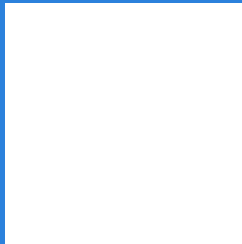
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2B81DC Background



This preview shows how black text looks on a background with the Hex color 2B81DC.

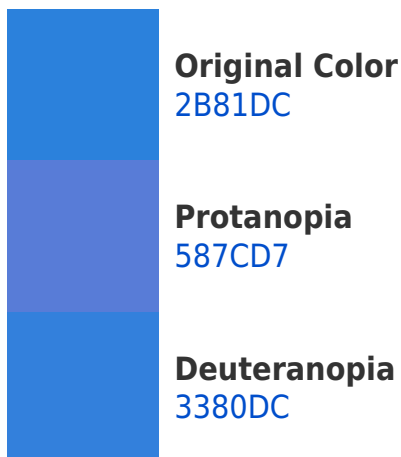


This preview shows how white text looks on a background with the Hex color 2B81DC.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

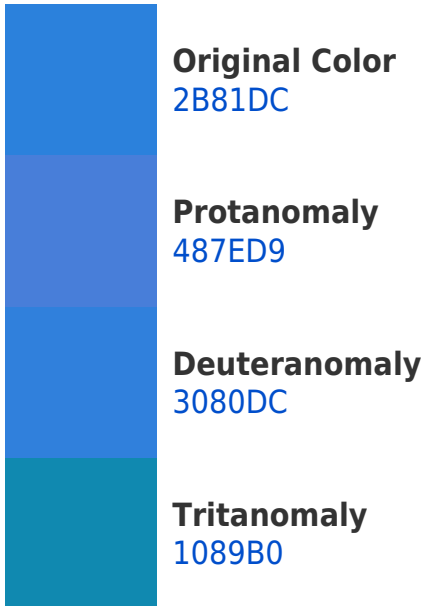
Dichromacy



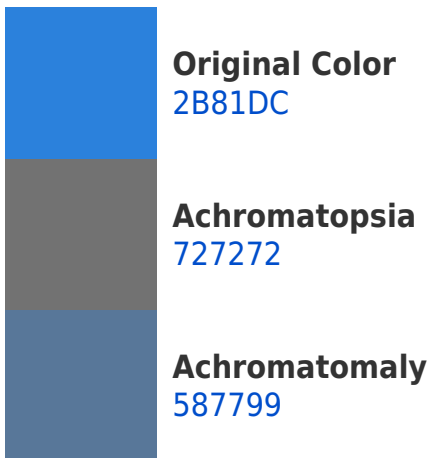


Tritanopia
008D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B81DC is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2B81DC looks like.

```
.text, #text, p{  
    color:#2B81DC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2B81DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B81DC
}
```

Border

The CSS property to change the border of an element to Hex 2B81DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B81DC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2B81DC }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2B81DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B81DC; -webkit-box-shadow:4px 4px  
4px 4px #2B81DC; box-shadow:4px 4px 4px  
4px #2B81DC }
```

Background

The CSS property to change the background color of an element to Hex 2B81DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B81DC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2B81DC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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